

WHAT IS CLAIMED:

1. A writing instrument comprising a tubular body extending along a longitudinal axis between a rear end and a front end provided with an opening through which a writing tip is capable of protruding, a lateral button having at least one actuation face oriented radially outward and at least one first cam arranged inside said body, and a writing tip advancing mechanism comprising a member longitudinally movable in said body, which has at least a first ramp inclined relative to said longitudinal axis, said lateral button being capable of remaining in a rest position in which said first cam is facing said first ramp, and capable of making a first tilting movement toward the inside of said body during which said first cam interacts with said first ramp and the movable member makes a first movement, wherein said lateral button has at least a second cam longitudinally distant from said first cam said movable member has a bearing substantially parallel to said longitudinal axis that is adjacent to at least one second inclined ramp, said second cam resting on said bearing during the first tilting movement of said lateral button, and facing said second ramp at the end of said first tilting movement, said lateral button then being capable of making a second tilting movement toward the inside of said body during which said second cam interacts with said second ramp and said movable member makes a second movement.

2. The writing instrument as claimed in claim 1, wherein said body has an abutment, and wherein said first cam has at least one contact point that is in contact against said abutment of said body during the second tilting movement of said lateral button.

3. The writing instrument as claimed in claim 1, wherein at least one of said ramps of said movable member has a height, measured in a radial direction, substantially equal to the internal space of said tubular body.

4. The writing instrument as claimed in claim 1, wherein said lateral button has, respectively at said first and said second cams, a first and a second U-shaped cross section, the ends of the branches of said U of said first and second cross sections forming respectively said first and second cams.

5. The writing instrument as claimed in claim 1, wherein said first ramp of said movable member is situated at the front end of said body and said second ramp is situated at the rear end.

6. The writing instrument as claimed in claim 1, wherein said advancing mechanism comprises an elastic element which forces said movable member toward the rear end of said body, the incline of said first and second ramps being adapted so that said first and second movements are made toward the front end of said body.

7. The writing instrument as claimed in claim 6, wherein said writing tip is a lead and wherein said advancing mechanism comprises a lead clamping chuck that is connected to said movable member .

8. The writing instrument as claimed in claim 7, wherein said chuck is held closed under the action of at least one elastic element which forces said chuck and said movable member toward the rear end of said body.

9. The writing instrument as claimed in claim 7, wherein said movable member has a central duct allowing at least one lead to pass through and wherein said first and second ramps are respectively formed by a first and a second pair of inclined surfaces situated either side of said central duct.

10. The writing instrument as claimed in claim 7, wherein a lead storage compartment is secured to said movable member and extends up to a rear end provided with a rear button emerging from the rear end of said body.

11. The writing instrument as claimed in claim 7, wherein a lead-guide tip is mounted so as to slide in the front end of said body between a retracted position and a protruding position, and wherein said first movement of said movable member is suitable for advancing and opening said chuck , and said second movement of said movable member is suitable for pushing said lead-guide tip into said protruding position